



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C3

Job Sheet 197787



Part No: C3

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/16/19

Job Tracking No:

Due Date: 9/20/19

Created By: Jennifer Renwick

Type: Stock

Description: SIOP

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
95	External Load - 1	1 pcs	9/20/19		0.00	1.00	External Load - 1		5212342
							External Load - 2		
							External Load - 3		
100	External Load - 2 - B4B	1 pcs	9/20/19		0.00	1.00	External Load - 1 - B4B		AP 2019-09-12 Michel
							External Load - 2 - B4B		
							External Load - 3 - B4B		
110	QC 5	1 pcs	9/20/19		0.00	0.00	QC 5 - 10		DAS 30 9-89
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 8		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
130	Packaging 3-2 - Stock - B4B	1 pcs	9/20/19		0.00	0.00	Packaging 3 - 1 - B4B		DAS 30 9-89
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		
							Packaging 3 - 14 - B4B		
							Packaging 3 - 15 - B4B		
							Packaging 3 - 16 - B4B		
							Packaging 3 - 17 - B4B		



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Container No: S212342



Part: C3

Job No: 197787

Serial No/Batch: S212342

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 09/10/19

SEP 12 2019

SEP 12 2019

Plex 7/16/19 11:26 AM Dart.Renwick.Jennife

					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135	DC - 1 - B4B	1 pcs	9/20/19	0.00 0.00	DC - 1 - B4B	DAS 21 9-09
140	QC 21 - SA	1 pcs	9/20/19	0.00 0.00	QC 21 - SA - 21	SEP 12 2019
					QC 21 - SA - 70	DAS 21
					QC 21 - SA - 53	SEP 12 2019

Part Op 95 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2-
 Descriptions: ASSEMBLE AS PER DWG
 100 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2-
 ASSEMBLE AS PER DWG
 110 - QC5- Inspect part completeness to step on W/O)
 130 - Identify as per dwg & Stock Location: _____ Identify and Stock GA ALAIN
 135 - (Document Control)- Photocopy blue file OM & OOPM-C3 Rev 4
 140 - (QC21- Final Inspection - Work Order Release)

Lectite 242 (5186572)
 Lectite 620 (5194792)
 Saf-T-eye (M138973)
 Aeroshell grease No. 7 (5138964)

011816

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - 1	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	5126989
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5058764
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5074409
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5133195
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5180311
AN4-17A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5157429-3
AN6-15A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5209068
C2-1-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	5190045
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5068051
C2-11-2	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	5061528
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	5177832
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	5180410
C2-3-11	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	5194393
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5195563
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	5168898
C2-3-3	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5116487
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	5182513
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	5199313
C2-3-6	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	5148221
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5196195
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	5092964
C3-10-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5197483
C3-11-1	Slide Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5182333
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5193685
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5080193
C3-12-3	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5190711
C3-12-4	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5125633
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5188182
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	5206297
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5206235
C3-13-4	KEEPER	1 pcs (1 ea)	100-External Load - 2 - B4B	5192911
C3-13-5	Spring, Keeper	1 pcs (1 ea)	100-External Load - 2 - B4B	5146022
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5175253
C3-3-4	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	5118503
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	5137712
C3-3-7	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	5048390
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5128685
C3-4-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5180767
C3-4-4A	C3 Load Beam Assy	1 pcs (1 ea)	100-External Load - 2 - B4B	5179604
C3-7-1	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	5186739
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	5189979
C3-8-2	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	521004
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	5180680
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	5153419
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5116296
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	5089524
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	5192574
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	5075144
MS21044N4	Nut, Self-Locking	5 Ea (4 ea)	100-External Load - 2 - B4B	5203176
MS21083N3	Nut	2 Ea (2 ea)	100-External Load - 2 - B4B	5142051
MS21083N6	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	5180294
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5183289
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5183289
NAS1149F0332P	Washer (AN960-10L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5103666-1
NAS1149F0383P	Washer (AN960-10)	1 Ea (1 ea)	100-External Load - 2 - B4B	5027738
NAS1149F0463P	Washer (AN960-416)	8 Ea (8 ea)	100-External Load - 2 - B4B	50970889
NAS1149F0632P	Washer (AN960-616L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5137711

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
95-External Load - 1	188-FPSS-1032-1/4	2	121	0
	188-FSCS-832-5/8	4	225	0
100-External Load - 2 - B4B	2595K22	1	30	0
	32446	2	684	0
	8183K6	1	26	0
	AN4-16A	3	1,146	0
	AN4-17A	1	390	0
	AN6-15A	1	29	0
	C2-1-1	1	13	0
	C2-10-1	1	69	0
	C2-11-2	2	46	0
	C2-3-1	2	78	0
	C2-3-10	1	14	0
	C2-3-11	1	22	0
	C2-3-2	1	25	0
	C2-3-2-1	2	44	0
	C2-3-3	1	45	0
	C2-3-3-1	1	33	0
	C2-3-5	2	25	0
	C2-3-6	1	6	0
	C2-3-8	2	60	0
	C2-5-1	1	7	0
	C3-10-2	1	33	0
	C3-11-1	1	15	0
	C3-12-1	2	54	0
	C3-12-2	1	21	0
	C3-12-3	1	24	0
	C3-12-4	1	30	0
	C3-12-5	1	33	0
	C3-12-6	2	70	0
	C3-13-1	2	48	0
	C3-13-4	1	26	0
	C3-13-5	1	36	0
	C3-2-1	1	16	0
	C3-3-4	2	12	0
	C3-3-4-1	4	43	0
	C3-3-7	1	15	0
	C3-3-9	1	38	0
	C3-4-1	2	53	0
	C3-4-4A	1	8	0
	C3-7-1	1	22	0
	C3-7-2	2	38	0
	C3-8-2	1	7	0
	C3-8-4	1	29	0
	C3-8-5	1	9	0
	C3-9-1	1	14	0
	C3-9-2	1	33	0
	EL-PLUG-M	1	43	0
	M27500-16TG2T14	1	44	0
	MS21044N4	4	57	0
	MS21083N3	2	89	0
	MS21083N6	1	56	0
	MS35266-63	2	29	0
	NAS1149F0332P	2	2,464	0
	NAS1149F0363P	1	372	0
	NAS1149F0463P	8	144	0
	NAS1149F0632P	2	326	0
Part Specifications				
Specifications could not be found.				

Plex 7/16/19 11:26 AM Dart.Renwick.Jennifer

****MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!****

NEW SOLENOID (152951-001)

Work Order 197787

Customer _____

Serial Number 5212342

Date 2019-9-10

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	<u>Pass</u>
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	<u>Pass</u>
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.1</u> A	<u>Pass</u>
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.1</u> A	<u>Pass</u>
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.0</u> A	<u>Pass</u>
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.0</u> A	<u>Pass</u>
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>9.3</u> A	<u>Pass</u>
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	<u>8.3</u> A	<u>Pass</u>
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	<u>11.8</u> A	<u>Pass</u>
1	3,000	Manual		N/A	<u>Pass</u>
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	<u>Pass</u>
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	<u>1.8</u> Ω	<u>Pass</u>
1	N/A	Electircal Continuity	Across both wires	N/A	<u>Pass</u>

Test Conducted By: Michel Labonde

Technician

Submit

Signature: Sylvie Bouchet
QC 5 Small FAB / QA